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Application No. 10/021,407

Amendments to the Claims:

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Claims 1-4 (cancelled)

- 5. (currently amended) A biopsy device which is compatible for use with a magnetic resonance imaging machine, said device comprising:
 - a. a non-metallic elongated substantially tubular needle having a distal end, a proximal end, a longitudinal axis therebetween, a cutter lumen, and a side port communicating with said cutter lumen and spaced from said distal end on said elongated needle for receiving a tissue sample; and
 - b. a sharpened closed distal tip for insertion within tissue, said sharpened distal tip attached to said distal end of said needle, said distal tip having a hollow cavity which is at least partially filled with a material which will leave an artifact under magnetic resonance imaging, wherein said material is spaced distally from said side port of said needle.
 - 6. (previously presented) The device of claim 5 wherein said needle comprises a thermoplastic.
 - 7. (previously presented) The device of claim 5 wherein said needle comprises a glass fiber reinforced polymer resin.
 - 8. (previously presented) The device of claim 5 wherein said material which will leave an artifact under magnetic resonance imaging is selected from the group comprising: gadolinium, titanium, aluminium, copper, brass and bronze.

Claims 9-12 (cancelled)

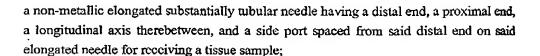
13. (Previously presented) The device of Claim 5 further comprising a cutter movable within said tubular needle.

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14. (previously presented) A biopsy device comprising:



a sharpened closed distal tip for insertion within tissue, said sharpened distal tip attached to said distal end of said needle, said distal tip having a cavity therein;

a material which will leave an artifact under imaging, wherein said material is disposed in said cavity of said distal tip and spaced distally from said side port of said needle; and

a cutter movable within said tubular needle.

15. (currently amended) A biopsy device comprising:

a non-metallic elongated needle having a distal end, a proximal end, a longitudinal axis therebetween, the needle comprising a cutter lumen, a vacuum lumen, and a side port spaced from said distal end of said elongated needle for receiving a tissue sample;

a sharpened distal tip for insertion within tissue, said sharpened distal tip attached to said distal end of said needle, said distal tip comprising a material which will leave an <u>artifact</u> artefact under magnetic resonance imaging; and

a cutter movable within the cutter lumen of said tubular needle.

- 16. (previously presented) The device of claim 15 wherein said needle comprises a thermoplastic.
- 17. (previously presented) The device of claim 15 wherein said needle comprises a glass fiber reinforced polymer resin.
- 18. (previously presented) The device of claim 15 wherein said material which will leave an artifact under magnetic resonance imaging is selected from the group comprising: gadolinium, titanium, aluminium, copper, brass and bronze.